

ABSTRACT OF THE DISCLOSURE

A composition of matter utilizes an exact dielectric replicate matching reference material to make a detection device component that triggers and maximizes a dielectrokinesis (phoresis) phenomena (force, torque, energy replenishment), which can be used to detect the presence of specific entities of a predetermined type that contain as a major component the matching dielectric material. Different designs and materials of construction for the detection device component enable the detection of a variety of specific entities including human beings, animals, plastics, metals, water, etc. Detectors using the component can detect the present of a specific entity irrespective of the presence or absence of any type of intervening, visual obstructing material structures or barriers, lighting conditions, weather conditions or electromagnetic interference (EMI).

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